

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	Not yet assigned
Filing Date	March 15, 2004
First Named Inventor	Ozgur Sahin
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	STF-S02-045

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,742,377	04-31-1998	Minne et al.	
		US- 5,883,705	03-16-1999	Minne et al.	
		US- 6,075,585	06-13-2000	Minne et al.	
		US- 5,483,822	01-16-1996	Albrecht et al.	
		US- 6,349,591 B1	02-26-2002	Fretigny et al.	
		US- 5,519,212	05-21-1996	Elings et al.	
		US- 5,412,980	05-09-1995	Elings et al.	
		US- Re. 36,488	01-11-2000	Elings et al.	
		US- 6,298,715 B1	10-09-2001	Thomson et al.	
		US- 6,452,170 B1	09-17-2002	Zypman et al.	
		US- 6,578,410 B1	06-17-2003	Israelachvili	
		US- 5,866,805	02-02-1999	Han et al.	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
				Application Number	Not yet assigned
				Filing Date	March 15, 2004
				First Named Inventor	Ozgur Sahin
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	1	of	1	Attorney Docket Number	STF-S02-045

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		SAHIN et al., "Harmonic Cantilevers for Nanomechanical Sensing of Elastic Properties", Transducers '03, The 12th International Conference on Solid State Sensors, Actuators and Microsystems, Boston, June 8-12, 2003, pp. 1124-1127			
		SAHIN et al., "Simulation of Higher Harmonics Generation in Tapping-Mode Atomic Force Microscopy", Applied Physics Letters, Volume 79, Number 26, December 24, 2001, pp. 4455-4457			
		STARK et al., "Tapping-Mode Atomic Force Microscopy and Phase-Imaging in Higher Eigenmodes", Applied Physics Letters, Volume 74, Number 22, May 31, 1999, pp. 3296-3298			
		HILLENBRAND et al., "Higher-Harmonics Generation in Tapping-Mode Atomic-Force Microscopy: Insights into the Tip-Sample Interaction", Applied Physics Letters, Volume 26, Number 23, June 5, 2000, pp. 3478-3480			
		RABE et al., "Imaging and Measurement of Local Mechanical Material Properties by Atomic Force Acoustic Microscopy", Surface and Interface Analysis, 2002, Volume 33, pp. 65-70			
		STARK et al., "Inverting Dynamic Force Microscopy: From Signals to Time-Resolved Interaction Forces", PNAS, June 25, 2002, Volume 99, No. 13, pp. 8473-8478			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.